

Peak District National Park

Forecast valid from 00:00 on Monday 09 Jan 2023 until 23:59 on Tuesday 10 Jan 2023

Forecast Issued on Sunday 08 Jan 2023 at 12:15

Confidence: High for unsettled and often windy conditions through the next few day with showers or longer spells of rain or snow.

Headline for Monday 09 Jan 2023: Showers, wintry on the tops. Cold and windy.

Mountain weather hazards on Monday 09 Jan 2023

Blizzards

No Likelihood

Gales

Low Likelihood

Thunderstorms

Low Likelihood

Heavy persistent snow

No Likelihood

Severe chill effect

Medium Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

Low Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Partly cloudy (night)	Cloudy	Sleet	Light snow showers	Sunny intervals	Cloudy	Sleet	Cloudy
Precipitation probability							
30%	30%	60%	30%	20%	50%	70%	30%

Forecast for Monday 09 Jan 2023

Weather: Showers overnight, wintry on the tops. Bright spells with a few showers, wintry above 500m but turning cloudy late in the afternoon with showers becoming more frequent and heavy by evening. A small chance of hail and thunder in the showers. Becoming mainly dry late evening.

Chance of cloud-free hill tops above 600m: 70% in morning, becoming 30% late afternoon and evening.

Low cloud and visibility: Mainly good visibility but becoming poor at times in showers. Patchy cloud and fog above 500 or 600m, mainly over western hills and as showers pass through but becoming more persistent for a few hours late in the afternoon and early evening.

Forecast for Monday 09 Jan 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/27 SW	22/30 W	22/30 W	22/31 W	27/38 W	28/40 W	30/42 W	25/37 W	22/32 W
300	16/24 SW	16/24 SW	16/25 W	17/27 W	21/32 W	21/33 W	23/36 W	20/32 W	15/26 W
Valley	10/22 SW	11/23 SW	11/24 W	12/26 W	16/32 W	16/33 W	16/32 W	14/30 W	11/23 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-5	2/-5	1/-5	2/-5	1/-6	1/-6	2/-6	2/-5	1/-5
300	4/-2	4/-1	3/-2	4/-1	4/-2	4/-2	4/-2	4/-1	4/-1
Valley	4/0	4/0	4/0	4/0	5/0	4/-0	4/-0	5/0	4/0
Freezing Level*	900m	900m	800m	800m	700m	700m	800m	800m	800m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

A cold and windy day up in the hills with gusts of 40 to 50mph in the afternoon on the tops of Kinder and Bleaklow.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sun 08 Jan 2023	3mm	17.6mm	31mm

Forecast for Tuesday 10 Jan 2023

Weather: Mainly dry overnight but rain, preceded by summit sleet, will arrive by morning. The rain will continue through the day, often heavy with strong winds bringing drenching conditions. Rain clearing to showers early evening.

Maximum wind: South or Southwest 25 to 35mph with gusts 50mph.

Chance of cloud-free hill tops above 600m: Almost nil chance through the day, becoming 80% later.

Low cloud and visibility: Poor throughout the day with rain and extensive low cloud. Improving in the evening with cloud breaking up but still some temporary reductions in showers.

Temperature: **Valleys:** Plus 4C rising to 11C.
At 600m: Plus 2C rising to 8C, falling to Plus 3C in evening.
Freezing level: Above summits.